

ABSTRACT OF THE DISCLOSURE

A radio antenna apparatus is provided with an antenna connected with a radio communication circuit that transmits and receives a radio signal. A load impedance element is connected between a parasitic
5 element of an electrical conductor plate and a ground of a housing of a radio communication apparatus including the radio communication circuit. A controller controls an element value of the load impedance element so as to set a current flowing on the housing to be equal to or smaller than a predetermined value when the radio communication
10 apparatus transmits the radio signal, thereby controlling a specific absorption rate (SAR) to be equal to or smaller than a predetermined value.